

DEXTRAN PRODUCTS

421 Comstock Road | Scarborough, ON M1L 2H5 | Canada | www.dextran.ca | 416-755-2231

CERTIFICATE OF ANALYSIS

DEXTRAN SULFATE SODIUM SALT MOLECULAR WEIGHT: 40,000
PRODUCT CODE: DS40-5201

Lot: DS40-063

(C₆H₇N₃O₁₄S₃)_n * CAS#9011-18-1

Manufacture Date: Sep/30/2023 Expiration Date: Sep/30/2028
Manufacturing Site: 421 Comstock Road, Scarborough, Ontario, M1L 2H5

TESTS	SPECIFICATIONS	RESULTS
Appearance	Off-White to Light Yellow Powder	Passes
Chloride	NMT 1000 ppm	710ppm
Clarity (20% Solution)	NMT 0.9 OD units at 360 nm	0.1
	NMT 10/100 ml	4
Free Inorganic Sulfate	NMT 0.2 %	N.D.
Glucose Content	35.0% to 48.0 %	39.4%
Identity (Colorimetric)	To Pass Test	Passes
Insoluble Iron	NMT 2.0 %	N.D.
Loss on Drying	NMT 10.0 %	6.6%
pH of Aqueous Solution (1%)	5.0 to 7.5	7.0
Residue on Ignition	35.0% to 50.0 %	43.2%
Residual Pyridine	NMT 2.0 %	0.9%
Specific Rotation [α] _D ²⁰	+75° to +105°	+97
Specific Viscosity (25°C in 1.0M NaCl)	0.05 to 0.13	0.09
Total Sulfur Content	17.0% to 20.0%	19.1%

COUNTRY OF ORIGIN: Canada

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a process chemical. The material represented by this Certificate of Analysis is not suitable to be used as an Active Pharmaceutical Ingredient, Drug Product or Household Item.

Prepared By: Panda Amin Date: Apr 07/26 Job Title: QC Analyst

Reviewed By: BB Date: Apr 7/26 Job Title: QC Supervisor